

Tue Jan 13 06:06:17 2004

us-10-021-509-2.rat

Page 1

GenCore version 5.1.6
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CM protein - protein search, using sw model

Run on: January 12, 2004, 17:40:15 ; Search time 21 Seconds
(without alignments)
302.220 Million cell updates/sec

Title: US-10-021-509-2
Perfect score: 795
Sequence: 1 MRKTRLMGLMMLFVSELR.....LVYKGFRCSTLSFSLVDS 150
Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues
Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA: *
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pdp: *
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pdp: *
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pdp: *
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pdp: *
5: /cgn2_6/ptodata/1/1aa/PCITUS.COMB.pdp: *
6: /cgn2_6/ptodata/1/1aa/backfilest.pdp: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	725	91.2	234	4	US-09-149-476-478 Sequence 478, App
2	725	91.2	234	4	US-09-702-705-1825 Sequence 1825, Ap
3	725	91.2	234	4	US-09-736-457-1825 Sequence 1825, Ap
4	95.5	12.0	352	4	US-09-996-243-505 Sequence 505, App
5	95.5	12.0	365	2	US-08-979-424-3 Sequence 3, Appli
6	95.5	12.0	365	3	US-08-928-383B-2 Sequence 2, Appli
7	95.5	12.0	365	3	US-09-272-456-2 Sequence 2, Appli
8	95.5	12.0	466	4	US-09-604-107A-8 Sequence 8, Appli
9	93.5	11.8	365	3	US-08-928-383B-23 Sequence 23, Appl
10	93.5	11.8	365	3	US-08-928-383B-24 Sequence 24, Appl
11	93.5	11.8	365	3	US-08-928-383B-26 Sequence 26, Appl
12	93	11.7	323	6	5260223-4 Patent No. 526023
13	92.5	11.6	393	1	US-08-428-742-2 Sequence 2, Appli
14	89.5	11.3	388	1	US-08-428-742-4 Sequence 4, Appli
15	87.5	11.0	323	4	US-09-651-200-21 Sequence 21, Appl
16	87.5	11.0	323	5	PCR-US94-09642-2 Sequence 2, Appli
17	87.5	11.0	329	2	US-08-456-104-2 Sequence 2, Appli
18	87.5	11.0	329	2	US-08-101-624-2 Sequence 2, Appli
19	87.5	11.0	329	2	US-08-479-744A-2 Sequence 2, Appli
20	87.5	11.0	329	3	US-08-280-757B-2 Sequence 2, Appli
21	87.5	11.0	329	3	US-08-205-697A-3 Sequence 23, Appl
22	87.5	11.0	329	3	US-08-702-525-23 Sequence 23, Appl
23	87.5	11.0	329	4	US-08-403-253A-4 Sequence 4, Appli
24	87.5	11.0	329	4	US-09-667-135-32 Sequence 32, Appl
25	87.5	11.0	329	4	US-08-435-816A-4 Sequence 23, Appl
26	87.5	11.0	329	5	PCR-US95-02576-23 Sequence 4, Appli
27	86	10.8	561	3	US-09-227-717-4 Sequence 4, Appli

28	86	10.8	561	4	US-09-173-151A-23 Sequence 23, Appl
29	85	10.7	253	4	US-09-310-463-36 Sequence 36, Appl
30	85	10.7	287	4	US-09-310-463-32 Sequence 32, Appl
31	84	10.6	110	3	US-08-479-744A-45 Sequence 45, Appl
32	84	10.6	110	3	US-08-280-757B-45 Sequence 45, Appl
33	82.5	10.4	458	6	5223394-7 Patent No. 5223394
34	81.5	10.3	113	4	US-09-553-949-8 Sequence 8, Appli
35	81.5	10.3	771	3	US-08-434-000A-8 Sequence 8, Appli
36	81.5	10.3	771	4	US-09-312-157-8 Sequence 517, Appl
37	81	10.2	332	4	US-09-996-243-517 Sequence 6, Appli
38	79.5	10.0	757	3	US-08-434-000A-6 Sequence 6, Appli
39	79.5	10.0	757	4	US-09-312-157-6 Sequence 20, Appl
40	78.5	9.9	325	4	US-09-651-200-20 Sequence 2, Appli
41	78	9.8	234	2	US-07-690-192-2 Sequence 22, Appl
42	77.5	9.7	624	4	US-08-642-406A-22 Sequence 22, Appl
43	77.5	9.7	624	4	US-09-199-534-22 Sequence 22, Appl
44	77.5	9.7	624	4	US-09-199-534-22 Sequence 22, Appl
45	77.5	9.7	769	3	US-08-434-000A-10 Sequence 10, Appl

ALIGNMENTS

RESULT 1
US-09-149-476-478
Sequence 478, Application US/09149476
Patent No. 6420526
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 186 Human Secreted proteins
FILE REFERENCE: P2002P1
CURRENT APPLICATION NUMBER: US/09/149,476
EARLIER FILING DATE: 1998-09-08
EARLIER APPLICATION NUMBER: PCT/US98/04493
EARLIER FILING DATE: 1998-03-06
EARLIER APPLICATION NUMBER: 60/040,162
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,333
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/038,621
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,626
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,334
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,336
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,163
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/047,500
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,615
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,597
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,502
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,633
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,583
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,617
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,592
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,581
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,584
EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/057,669
 EARLIER FILING DATE: 1997-09-05
 EARLIER APPLICATION NUMBER: 60/049,610
 EARLIER FILING DATE: 1997-06-13
 EARLIER APPLICATION NUMBER: 60/061,060
 EARLIER FILING DATE: 1997-10-02

Query Match
 Best Local Similarity 91.2%; Score 725; DB 4; Length 234;
 Matches 137; Conservativity 100.0%; Pred. No. 8.2e-77;

Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKGGTLDVCKDYTLKFPASSQKAWQIIRD 60
 DB 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKGGTLDVCKDYTLKFPASSQKAWQIIRD 60

QY 61 GEMPKTLACTERSKNSHPVQVGRILLDDYHDHGLLRVMNLQVEDSGLYQCVITYQPPK 120
 DB 61 GEMPKTLACTERSKNSHPVQVGRILLDDYHDHGLLRVMNLQVEDSGLYQCVITYQPPK 120

QY 121 EPHMLFDRIRLVYTKGF 137
 DB 121 EPHMLFDRIRLVYTKGF 137

RESULT 2
 US-09-702-705-1825

Sequence 1825, Application US/09702705

Patent No. 6504010

GENERAL INFORMATION:

APPLICANT: Wang, Tongtong

APPLICANT: Bangur, Chaitanya S.

APPLICANT: Lodes, Michael A.

APPLICANT: Fanger, Gary

APPLICANT: Vedvick, Tom

APPLICANT: Carter, Darrick

APPLICANT: Retter, Marc

APPLICANT: Mannion, Jane

APPLICANT: Fan, Liqun

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

FILE REFERENCE: 210121.478C14

CURRENT APPLICATION NUMBER: US/09/702,705

CURRENT FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 1833

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO: 1825

LENGTH: 234

TYPE: PRT

ORGANISM: Homo sapiens

US-09-702-705-1825

Query Match
 Best Local Similarity 91.2%; Score 725; DB 4; Length 234;
 Matches 137; Conservativity 100.0%; Pred. No. 8.2e-77;

Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKGGTLDVCKDYTLKFPASSQKAWQIIRD 60
 DB 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKGGTLDVCKDYTLKFPASSQKAWQIIRD 60

QY 61 GEMPKTLACTERSKNSHPVQVGRILLDDYHDHGLLRVMNLQVEDSGLYQCVITYQPPK 120
 DB 61 GEMPKTLACTERSKNSHPVQVGRILLDDYHDHGLLRVMNLQVEDSGLYQCVITYQPPK 120

QY 121 EPHMLFDRIRLVYTKGF 137
 DB 121 EPHMLFDRIRLVYTKGF 137

RESULT 3
 US-09-736-457-1825

Sequence 1825, Application US/09736457

Patent No. 6509448

GENERAL INFORMATION:

APPLICANT: Wang, Tongtong

APPLICANT: Bangur, Chaitanya S.

APPLICANT: Lodes, Michael A.

APPLICANT: Fanger, Gary

APPLICANT: Vedvick, Tom

APPLICANT: Carter, Darrick

APPLICANT: Retter, Marc

APPLICANT: Mannion, Jane

APPLICANT: Fan, Liqun

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

FILE REFERENCE: 210121.478C15

CURRENT APPLICATION NUMBER: US/09/736,457

CURRENT FILING DATE: 2000-12-13

NUMBER OF SEQ ID NOS: 1864

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO: 1825

LENGTH: 234

TYPE: PRT

ORGANISM: Homo sapiens

US-09-736-457-1825

Query Match
 Best Local Similarity 91.2%; Score 725; DB 4; Length 234;
 Matches 137; Conservativity 100.0%; Pred. No. 8.2e-77;

Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKGGTLDVCKDYTLKFPASSQKAWQIIRD 60
 DB 1 MKRTLMGLMMLFVSELRATKLTTEKYLEKGGTLDVCKDYTLKFPASSQKAWQIIRD 60

QY 61 GEMPKTLACTERSKNSHPVQVGRILLDDYHDHGLLRVMNLQVEDSGLYQCVITYQPPK 120
 DB 61 GEMPKTLACTERSKNSHPVQVGRILLDDYHDHGLLRVMNLQVEDSGLYQCVITYQPPK 120

QY 121 EPHMLFDRIRLVYTKGF 137
 DB 121 EPHMLFDRIRLVYTKGF 137

RESULT 4
 US-09-996-243-505

Sequence 505, Application US/09996243

Patent No. 6478825

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gueney, Austin L.

APPLICANT: Kijavini, Ivar J.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tsumae, Daniel

APPLICANT: Watanabe, Colin K.

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2730P13

CURRENT APPLICATION NUMBER: US/09/996,243